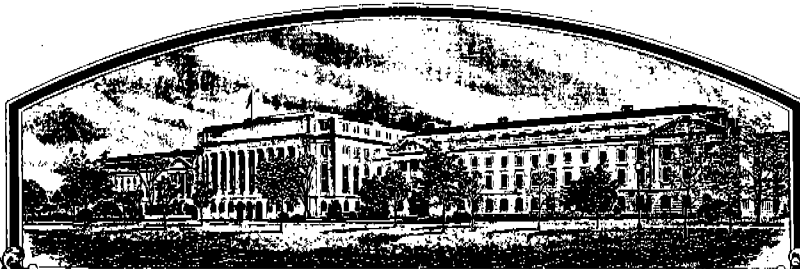


No.



7400077

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Rice Researchers, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *seventeen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT (44 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

RICE

'Kokubelle'



In Testimony Whereof, I have hereunto set
my hand and caused the seal of the Plant
Variety Protection Office to be affixed
at the City of Washington
this 17th day of October in
the year of our Lord one thousand nine
hundred and seventy-five

Attest:

L. J. Rollin
Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

Earl L. Baty

Secretary of Agriculture

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: See Reverse.

1. VARIETY NAME OR TEMPORARY DESIGNATION Kokubelle	2. KIND NAME Rice	FOR OFFICIAL USE ONLY PVPO NUMBER 7400077	
3. GENUS AND SPECIES NAME Oryza Sativa	4. FAMILY NAME (Botanical) Graminae	FILING DATE 3-13-74	TIME 10:00 A.M.
	5. DATE OF DETERMINATION December 1, 1972	FEE RECEIVED \$ 750	CHARGES -
6. NAME OF APPLICANT(S) Rice Researchers, Inc.	7. ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) P.O. Box 652 Woodland, California 95695		8. TELEPHONE AREA CODE AND NUMBER
9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (Corporation, partnership, association, etc.) Corporation		10. STATE OF INCORPORATION California	11. DATE OF INCORPORATION 1968

12. Name and mailing address of applicant representative(s), if any, to serve in this application and receive all papers:

XX
Arthur H. Williams
Rt. 2, Box 320
Chico, California 95926

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

- ☒ 12A. Exhibit A, Origin and Breeding History of the Variety (See Section 52, P.L. 91-577)
- ☒ 12B. Exhibit B, Botanical Description of the Variety
- ☒ 12C. Exhibit C, Objective Description of the Variety
- ☒ 12D. Exhibit D, Data Indicative of Novelty
- ☒ 12E. Exhibit E, Statement of the Basis of Applicant's Ownership

The applicant declares that a viable sample of basic seed of this variety will be deposited upon request before issuance of a certificate and will be replenished periodically in accordance with such regulations as may be applicable. (See Section 52, P.L. 91-577).

14A. Does the applicant(s) specify that seed of this variety be sold by variety name only as a class of certified seed? (See Section 83(a), P.L. 91-577) (If "Yes," answer 14B and 14C below.) ☐ YES ☒ NO

14B. Does the applicant(s) specify that this variety be limited as to number of generations? ☐ YES ☐ NO

14C. If "Yes," to 14B, how many generations of production beyond breeder seed?

Applicant is informed that false representation herein can jeopardize protection and result in penalties.

The undersigned applicant(s) of this sexually-reproduced novel plant variety believes that the variety is distinct, uniform, and stable as required in Section 41 and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act (P.L. 91-577).

2-10-74
(DATE)

Rice Researchers, Inc.
Arthur H. Williams
(SIGNATURE OF APPLICANT)

(DATE)

(SIGNATURE OF APPLICANT)

Kokubelle

Exhibit A

Origin and Breeding History

Kokubelle originated from a hand pollinated cross between Kokuho Rose and Bluebelle.

Selections were made on the basis of Kokuho Rose vigor and Bluebelle grain type. At the present time there has not been a successful long grain rice grown in California.

From the F5 generation, one pure line having the characteristics desired was increased for field planting and quality testing. The present selection has the favorable long grain cooking characteristics with the very favorable Kokuho Rose flavor.

From letter of January 14, 1975:

No variants have been found in Kokubelle.

JHK
3/28/75

Kokubelle

Exhibit B

Botanical Description

Kokubelle is a long grain variety. It is stiff strawed and mature in about 145 days. The plant type more resembles Bluebelle.

The grain shape is long and slender and boat shaped. The second foliar leaf is long with a large angle, and the color is medium green.

The culm is stiff, medium long, and fairly erect. The flag leaf is broad, long, and upright. The culm, leaves, and grain are glabrous.

The plant tillers well, and the grain is awnless.

The panicles are long and lax. The lemma and palea at maturity are straw colored.

JUL 07 1975

Application No. 7400077
'Kokubelle'

Exhibit D

'Kokubelle' most closely resembles 'Bluebelle' but
'Kokubelle' has straw versus gold colored hulls and straw
versus light purple colored apiculus and has the cooked
grain flavor of 'Kokuho Rose.'

Arthur H. Williams

Kokubelle

FORM GR-470-17
(1-2-73)UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782

FORM APPROVED. OMB NO. 40-R3712

EXHIBIT C
(Rice)OBJECTIVE DESCRIPTION OF VARIETY
RICE (ORYZA SATIVA)

REFERENCES: See Reverse.

NAME OF APPLICANT(S)

Rice Researchers, Inc.

ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code)

P.O. Box 652
Woodland, California 95695

FOR OFFICIAL USE ONLY

PVPO NUMBER

74-00077

VARIETY NAME OR TEMPORARY
DESIGNATION

KOKUBELLE

Place the appropriate number that describes the varietal character of this variety in the boxes below.
Place a zero in first box (e.g., or) when number is either 99 or less or 9 or less.

1. MATURITY (Seeding to 50% Heading):

LOCATION Sacramento Valley AVERAGE DATE SEED April 25 - May 5

<input type="text" value="2"/>	Season:	1 = VERY EARLY (86 days or less)	2 = EARLY (86 - 100)	<input type="text" value="0"/> <input type="text" value="9"/> <input type="text" value="5"/>	NUMBER OF DAYS
		3 = MIDSEASON (101 - 115)	4 = LATE (115 - or more)		

<input type="text" value="1"/> <input type="text" value="2"/>	NO. OF DAYS EARLIER THAN ...	<input type="text" value="5"/>	}	1 = BELLE PATNA	2 = BLUEBELLE	3 = NATO
<input type="text" value=""/> <input type="text" value=""/>	NO. OF DAYS LATER THAN ...	<input type="text" value=""/>		4 = STARBONNET	5 = CALROSE	6 = REXORO

2. PLANT HABIT (Tiller Angle from Perpendicular at the Early Jointing Stage):

<input type="text" value=""/>	1 = SPREADING (more than 60°)	2 = INTERMEDIATE	3 = ERECT (less than 30°)
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3. STEMS (Full Heading):

<input type="text" value="1"/> <input type="text" value="0"/> <input type="text" value="0"/>	CM. TALL (Soil level to tip of extended panicle on main culm)
--	---

<input type="text" value="2"/> <input type="text" value="0"/>	CM. SHORTER THAN ...	<input type="text" value="5"/>	}	1 = BELLE PATNA	2 = BLUEBELLE	3 = NATO
<input type="text" value=""/> <input type="text" value=""/>	CM. TALLER THAN ...	<input type="text" value=""/>		4 = STARBONNET	5 = CALROSE	6 = REXORO

<input type="text" value="0"/> <input type="text" value="4"/>	NUMBER OF NODES	Elongate
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<input type="text" value="4"/>	INTERNODE COLOR (Outside)	1 = LIGHT YELLOW	2 = CREAM	3 = GOLD
		4 = GREEN	5 = REDDISH	6 = LIGHT PURPLE
		7 = PURPLE	8 = DARK PURPLE	9 = OTHER (Specify) _____

<input type="text" value=""/>	SEPTUM COLOR (Inside Node)
-------------------------------	----------------------------

<input type="text" value=""/>	Tillering Ability (number of culms):	1 = 10 OR LESS (Belle Patna)	2 = 11 - 20 (Bluebonnet)	3 = ABOVE 20 (Century Patna)
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<input type="text" value="2"/>	Strength:	1 = STURDY (Starbonnet)	2 = INTERMEDIATE (Belle Patna)	3 = WEAK
--------------------------------	-----------	-------------------------	--------------------------------	----------

4. LEAF BLADE (First Leaf Below Flag Leaf):

<input type="text" value="3"/> <input type="text" value="6"/>	CM. LENGTH	<input type="text" value="1"/> <input type="text" value="4"/>	MM. WIDTH
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<input type="text" value="2"/>	Color:	1 = PALE GREEN (Starbonnet)	2 = MEDIUM GREEN (Bluebelle)	3 = DARK GREEN (Calrose)
		4 = PURPLE	5 = RED	6 = OTHER (Specify) _____

<input type="text" value="1"/>	Pubescence:	1 = GLABROUS	2 = INTERMEDIATE	<input type="text" value="2"/>	Flag Leaf Angle:	1 = HORIZONTAL	2 = ASCENDING
		3 = PUBESCENT				3 = ERECT	

<input type="text" value="3"/> <input type="text" value="0"/>	CM. LENGTH OF FLAG LEAF (Booting Stage)	<input type="text" value="1"/> <input type="text" value="7"/>	MM. WIDTH (widest point) OF FLAG LEAF (Booting Stage)
---	---	---	---

5. LEAF SHEATH (First Leaf Below Flag Leaf):

<input type="text" value="3"/>	Ligule Length:	1 = NONE	2 = 20 MM. OR LESS	3 = 21 - 34 MM.	4 = MORE THAN 34 MM.
--------------------------------	----------------	----------	--------------------	-----------------	----------------------

<input type="text" value="2"/>	SHEATH (Outside)	<input type="text" value="2"/>	COLLAR	}	1 = COLORLESS	2 = GREEN	3 = RED
<input type="text" value="2"/>	SHEATH (Inside)	<input type="text" value="2"/>	LIGULE		4 = PURPLE	5 = OTHER (Specify) _____	
<input type="text" value="2"/>	SHEATH (Seedling)	<input type="text" value="2"/>	AURICLE				

Kokubelle

Exhibit D Revised

Data Indicative of Novelty

Kokubelle is a long grain variety resembling Blubelle in plant type and grain characteristics. The heading period for Kokubelle is much more narrow than Bluebelle. Bluebelle heads over a 30 day period in California where as Kokubelle's heading period is about 8-10 days. Kokubelle matures earlier than the midseason California varieties Caloro and Calrose by about 10 days. Kokubelle also has very strong straw which resists lodging. Kokubelle is comparatively weak at seedling stage (first 21 days). Careful water depth management is necessary to get satisfactory stands. Kokubelle is a pure line selection, therefore no variants are expected.

7400077

Kokubelle

Exhibit D

Data Indicative of Novelty

Kokubelle will probably be the first successful long grain variety in California. It has southern long grain characteristics yet matures like Japanese rice in California. It has outstanding cooking quality, tasting very much like Kokuho Rose which has been the best in California for the past ten years.

Kokubelle, however, does not have seedling vigor comparable to the Japanese varieties. Therefore, water depth during the seedling stage is very critical. Water depth of 2 - 4 inches is ideal. Deeper water will result in poorer stands.

7400077

Kokubelle

Exhibit E

Statement of the Basis of Applicant's Ownership

Breeder is employed by the applicant.

Rice Researchers Inc. is owner 7/23/74

OBJECTIVE DESCRIPTION OF VARIETY

RICE (ORYZA SATIVA)

REFERENCES: See Reverse.

NAME OF APPLICANT(S)

Rice Researchers, Inc.

ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code)

P.O. Box 652
Woodland, California 95695

FOR OFFICIAL USE ONLY

PVPO NUMBER

74-00077

VARIETY NAME OR TEMPORARY
DESIGNATION

KOKUBELLE

Place the appropriate number that describes the varietal character of this variety in the boxes below.

Place a zero in first box (e.g., or) when number is either 99 or less or 9 or less.

1. MATURITY (Seeding to 50% Heading):

LOCATION Sacramento Valley AVERAGE DATE SEED April 25 - May 5

<input type="text" value="2"/>	Season:	1 = VERY EARLY (85 days or less)	2 = EARLY (86 - 100)	<input type="text" value="0"/> <input type="text" value="9"/> <input type="text" value="5"/>	NUMBER OF DAYS
		3 = MIDSEASON (101 - 115)	4 = LATE (115 - or more)		

<input type="text" value="1"/> <input type="text" value="2"/>	NO. OF DAYS EARLIER THAN ...	<input type="text" value="5"/>	1 = BELLE PATNA 2 = BLUEBELLE 3 = NATO 4 = STARBONNET 5 = CALROSE 6 = REXORO
<input type="text" value=""/> <input type="text" value=""/>	NO. OF DAYS LATER THAN ...	<input type="text" value=""/>	

2. PLANT HABIT (Tiller Angle from Perpendicular at the Early Jointing Stage):

<input type="text" value=""/>	1 = SPREADING (more than 60°)	2 = INTERMEDIATE	3 = ERECT (less than 30°)
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3. STEMS (Full Heading):

<input type="text" value="1"/> <input type="text" value="0"/> <input type="text" value="0"/>	CM. TALL (Soil level to tip of extended panicle on main culm)
--	---

<input type="text" value="2"/> <input type="text" value="0"/>	CM. SHORTER THAN ...	<input type="text" value="5"/>	1 = BELLE PATNA 2 = BLUEBELLE 3 = NATO 4 = STARBONNET 5 = CALROSE 6 = REXORO
<input type="text" value=""/> <input type="text" value=""/>	CM. TALLER THAN ...	<input type="text" value=""/>	

<input type="text" value="0"/> <input type="text" value="4"/>	NUMBER OF NODES <u>Elongate</u>
---	---------------------------------

<input type="text" value="4"/>	INTERNODE COLOR (Outside)	1 = LIGHT YELLOW	2 = CREAM	3 = GOLD
		4 = GREEN	5 = REDDISH	6 = LIGHT PURPLE
		7 = PURPLE	8 = DARK PURPLE	9 = OTHER (Specify) _____

<input type="text" value=""/>	SEPTUM COLOR (Inside Node)
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<input type="text" value=""/>	Tillering Ability (number of culms):	1 = 10 OR LESS (Belle Patna)	2 = 11 - 20 (Bluebonnet)	3 = ABOVE 20 (Century Patna)
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<input type="text" value="2"/>	Strength:	1 = STURDY (Starbonnet)	2 = INTERMEDIATE (Belle Patna)	3 = WEAK
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4. LEAF BLADE (First Leaf Below Flag Leaf):

<input type="text" value="3"/> <input type="text" value="6"/>	CM. LENGTH	<input type="text" value="1"/> <input type="text" value="4"/>	MM. WIDTH
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<input type="text" value="2"/>	Color:	1 = PALE GREEN (Starbonnet)	2 = MEDIUM GREEN (Bluebelle)	3 = DARK GREEN (Calrose)
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<input type="text" value="1"/>	Pubescence:	1 = GLABROUS	2 = INTERMEDIATE	<input type="text" value="2"/>	Flag Leaf Angle:	1 = HORIZONTAL	2 = ASCENDING
		3 = PUBESCENT				3 = ERECT	

<input type="text" value="3"/> <input type="text" value="0"/>	CM. LENGTH OF FLAG LEAF (Booting Stage)	<input type="text" value="1"/> <input type="text" value="7"/>	MM. WIDTH (widest point) OF FLAG LEAF (Booting Stage)
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5. LEAF SHEATH (First Leaf Below Flag Leaf):

<input type="text" value="3"/>	Ligule Length:	1 - NONE	2 = 20 MM. OR LESS	3 = 21 - 34 MM.	4 = MORE THAN 34 MM.
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Color:

<input type="text" value="2"/>	SHEATH (Outside)	<input type="text" value="2"/>	COLLAR	1 = COLORLESS 2 = GREEN 3 = RED 4 = PURPLE 5 = OTHER (Specify) _____
<input type="text" value="2"/>	SHEATH (Inside)	<input type="text" value="2"/>	LIGULE	
<input type="text" value="2"/>	SHEATH (Seedling)	<input type="text" value="2"/>	AURICLE	

1 Type: 1 = OPEN 2 = INTERMEDIATE 3 = COMPACT 1 Habit: 1 = DROOPING 2 = INTERMEDIATE 3 = ERECT

2 5 CM. LENGTH 3 Exsertion: 1 = LESS THAN 90% 2 = 90 - 99% 3 = 100% EXSERTION

7. SPIKELET:

Stigma Color: 1 = COLORLESS (White) 2 = YELLOW 3 = PURPLE 4 = RED

8. LEMMA AND PALEA:

0 5 Color at Maturity
0 5 Apiculus color at maturity
0 5 Apiculus color at anthesis

01 = COLORLESS (White) 02 = GREEN 03 = YELLOW
04 = TAWNY 05 = STRAW 06 = GOLD
07 = BROWN FURROWS 08 = RED 09 = PURPLE
10 = PIEBALD 11 = BLACK 12 = OTHER (Specify)

1 Pubescence: 1 = GLABROUS 2 = PUBESCENT ONLY ON LEMMA KEEL 3 = PUBESCENT

1 Awn: 1 = AWNLESS 2 = TERMINAL SPIKELETS AWNED 3 = AWNED AND AWNLESS 4 = ALL SPIKELETS AWNED

0 0 MM. AWN MAXIMUM LENGTH

9. SEED:

1 Non-pigmented coat (Pericarp) ("Brown Rice" color): 1 = LIGHT 2 = MEDIUM 3 = DARKER

Pigmented coat (Pericarp): 1 = GOLD 2 = PURPLE 3 = RED 4 = BROWN 5 = SPECKLED BROWN

1 Scent: 1 = NONSCENTED (Common) 2 = LIGHTLY SCENTED (Sadri) 3 = SCENTED (Popcorn aroma - Della)

1 Endosperm: 1 = NON-WAXY (common) 2 = WAXY (glutinous) / Endosperm: 1 = TRANSLUCENT, FEW CHALKY SPOTS 2 = CHALKY GERM TIP 3 = WHITE BELLY 4 = LARGE CHALKY CORE 5 = OPAQUE

2 Shattering (Threshability): 1 = DIFFICULT THRESHING (Conway) 2 = THRESHES READILY 3 = SHATTERS

2 Dormancy: 1 = LOW (0 days) 2 = MEDIUM (30 days) 3 = HIGH (90 days or more)

10. GRAIN:

3 Paddy shape (length/width Ratio): 1 = SHORT (less than 2.2:1) 2 = MEDIUM (2.2:1 to 3.4:1) 3 = LONG (greater than 3.4:1)

MEASUREMENTS:

Grain Form

Length (mm.)
0 8 7
0 7 1

Width (mm.)
2 4
2 0

Thickness (mm.)
2 0
1 6

L/W Ratio
3 0
3 2

1000 Grains (Grams)
2 1 3
1 7 5
1 5 5

3/28/75
litter
9812

MILLING QUALITY

2 0 % HULLS 7 1 % TOTAL MILLED RICE

11. RESISTANCE TO LOW TEMPERATURE:

2 Germination & Seedling vigor: 1 = LOW (Bluebelle) 2 = MEDIUM (Nato) 3 = HIGH (Caloro)

2 Flowering (Spikelet fertility): 1 = LOW (Bluebelle) 2 = MEDIUM (Caloro) 3 = HIGH (Calrose)

12. RESISTANCE TO:

3 Salinity: 1 = LOW (Bluebonnet) 2 = MEDIUM (Blue Rose) 3 = HIGH

Alkalinity: 1 = LOW (Bluebelle) 2 = MEDIUM (Dawn) 3 = HIGH (Arkrose)

13. RESPONSE TO PHOTOPERIOD:

2 1 = NON-SENSITIVE (Belle Patna) 2 = WEAKLY SENSITIVE (Blue Rose) 3 = STRONGLY SENSITIVE (Caloro)

14. PYRICULARIA ORYZAE RESISTANCE (International races found under References, items 2 and 4 below.)

(0 = Not Tested; 1 = Susceptible; 2 = Resistant):

Not Tested 5/3/74 letter

(0 = Not Tested; 1 = Susceptible; 2 = Resistant):																		N01 12542 5/31/74									
GROUP	IA	IB				IC			ID				IE		IG		IH										
NUMBER	109	1	33	49	54	1	17	19	1	8	13	14	1	3	1	2	1										
RESISTANCE																											

15. DISEASE RESISTANCE (0 = Not Tested; 1 = Susceptible; 2 = Resistant):

<input type="checkbox"/> CERCOSPORA ORYZAE	<input type="checkbox"/> ENTYLOMA ORYZAE	<input type="checkbox"/> FUSARIUM PANICLE BLIGHT
<input type="checkbox"/> HELMINTHOSPORIUM ORYZAE	<input type="checkbox"/> HOJA BLANCA VIRUS	<input checked="" type="checkbox"/> 3/24/75 letter QPH LEPTOSPHAERIA SALVINII
<input type="checkbox"/> PYTHIUM SEEDLING BLIGHT	<input type="checkbox"/> RHIZOCTONIA ORYZAE	<input type="checkbox"/> STRAIGHTENED
<input type="checkbox"/> TILLETIA BARCLAYANA	<input type="checkbox"/> WHITE TIP NEMATODE	<input type="checkbox"/> OTHER (Specify)

16. INSECT RESISTANCE (0 = Not Tested; 1 = Susceptible; 2 = Resistant):

<input type="checkbox"/> GRASS HOPPER	<input type="checkbox"/> LEAF HOPPER	<input type="checkbox"/> RICE HISPA
<input type="checkbox"/> RICE MIDGE	<input type="checkbox"/> STEM BORER	<input type="checkbox"/> STINK BUG
<input type="checkbox"/> SWARM CATERPILLAR	<input type="checkbox"/> WATER WEEVIL	<input type="checkbox"/> OTHER (Specify)

17. INDICATE A VARIETY WHICH MOST CLOSELY RESEMBLES THAT SUBMITTED:

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Tillering	Bluebelle	Seed Shape	Bluebelle
Lodging	Bluebelle	Endosperm Transp.	Bluebelle
Leaf Angle	Bluebelle	Milling Quality	Bluebelle
Leaf Color	Bluebelle	Cook & Proc. Quality	Bluebelle

18. GIVE THE FOLLOWING AVERAGE DATA FOR SUBMITTED AND A SIMILAR VARIETY

VARIETY	PARBOIL CANNING STABILITY (% Loss)	PROTEIN * (%)	AMYLOSE ** (%)	ALKALI REACTION ***		GELATINIZATION TEMPERATURE (°C)
				1.7	2.0	
SUBMITTED						
SIMILAR						
NAME OF SIMILAR VARIETY						

*Hulled Rice - Dry Wt. **Milled Rice 11 - 12% Moisture ***Average spreading value in 1.7% and 2.0% KOH Solution.

REFERENCES

- C. R. Adair et al, 1972. Rice in the United States: Varieties and Production. USDA Handbook No. 289 (Rev.), 124 pp.
- J. G. Atkins, et al, 1967. An International Set of Rice Varieties for Differentiating Race of *Pyricularia Oryzae*. Phytopath. 57:297-301.
- Te-Tzu Chang, 1965. The Morphology and Varietal Characteristics of the Rice Plant. IRRI Los Banos, Philippines Tech. Bulletin 4.
- K. C. Ling and S. H. Ou, 1969. Standardization of the International Race Numbers of *Pyricularia Oryzae*. Phytopath. 59:339-342.
- B. D. Webb et al, 1968. Characteristics of Rice Varieties in the USDA Collection. Crop Sci. 8:361-365.
- Nickerson's or any recognized color fan may be used to determine plant colors of the described variety.

COMMENTS: